

ABSTRACT

A sprayer device including a generator for generating an air stream having a predetermined velocity and a nozzle unit for the discharge of liquid therefrom, whereby to produce a mist stream capable of being propelled to a predetermined location. The mist stream has a measurable and controllable lateral dimension at the predetermined location. The sprayer device is used particularly for moistening cattle, especially cows, in sheds, and taking into account the effect of the wind. Rows of sprayers project water sprays directed toward the cattle. The sprayers may be angularly shifted to take into account the deviating effect of the wind. A processor calculates the angular shift that is needed for the existing wind direction and intensity. All the sprayers concurrently receive the angular shift, which is transmitted to the first sprayer from a control station and successively from each sprayer to the next. In this way, a plurality of sprayers can be controlled even if they are not arranged in straight lines or on a single level, depending on the structure of the cattle shed.